

MARSEAL® STRUCTURAL SEALANT

MARSEAL® Structural Sealant is a Modified Polyether that cures to a durable bond with exposure to atmospheric moisture. It bonds aggressively to MARSEAL® membranes and concrete substrates, and is tough, elastic and waterproof. MARSEAL® Structural Sealant contains no Volatile Organic Compounds (no VOC'S).



RECOMMENDED USE

Designed to seal termination points and overlap for MARSEAL® installations.

It is designed for application with extruded beads on 6" centers from 10.3-ounce cartridges that provide about 40 lineal feet of ¼" bead, or from 2-gallon pails that provide 54 square feet at 60 mil coverage, applied by notched trowel.

It is also used to bond MARSEAL® membranes to concrete substrates in immersion service (primary containment) in water- and waste-water treatment plants.

SPECIFICATIONS

CURE TIME

Initial - 24 hours
Final - 7 days

SHELF LIFE

one year, closed container

PERFORMANCE PROPERTIES		
Shear Strength	ASTM D-1002	300 psi
Elongation at Break	ASTM D-412	300%
Hardness Shore A	ASTM C-661	50 to 55
Tack-Free Time	ASTM D-679	25 minutes
Low Temperature Flexibility		-20°F (-29°C) Pass
Slump (sag)	ASTM C-639	Zero Slump
Shrinkage	ASTM D-2453	No measurable shrinkage
Service Temperature		-40°F (-40°C) to 200°F (93°C)

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	1.08 (9 lbs/gal)
Viscosity	700,000 cps @ 70°F (21°C)
Color	Black and Gray
Odor	Mild Ester smell when wet (mint) odorless when dry